Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Wednesday 09 Aug 2023 until 23:59 on Thursday 10 Aug 2023

Forecast Issued on Wednesday 09 Aug 2023 at 03:06

Confidence: High confidence for turning briefly warmer by Thursday, followed by a return to cooler, more unsettled conditions this weekend. Lower confidence in precipitation and cloud detail.

Headline for Wednesday 09 Aug 2023: Largely dry with bright or sunny spells. Thicker cloud developing later with some patchy light rain or drizzle possible.

Mountain weather hazards on Wednesday 09 Aug 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** High Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Sunny intervals	Sunny intervals	Sunny intervals	Sunny intervals	Sunny intervals	Clear night
Precipitation probability					
<05%	<05%	<05%	<05%	<05%	<05%

Forecast for Wednesday 09 Aug 2023

Weather: A fine start with bright or sunny spells, then increasing amounts of high cloud during the morning making the sunshine hazy. Cloud increasing through the afternoon, perhaps with the chance of the odd spot of light rain or drizzle later.

Chance of cloud-free hill tops above 600m: Predominantly 80% or more.

Low cloud and visibility: Small amounts of cloud generally. Just a small chance that areas of lower cloud developing later in the afternoon into the evening, may lower onto the highest summits. Visibility generally good or very good, although a small chance of poor later in any low cloud across the highest summits.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Forecast for Wednesday 09 Aug 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	12/15 SW	16/19 W	14/20 W	14/18 W	11/14 W	7/10 SW	5/9 SW
300	7/9 SW	10/12 W	9/13 W	9/13 W	6/8 W	3/6 W	3/4 S
Valley	2/7 S	5/9 W	7/12 W	7/13 W	5/10 W	3/7 W	2/4 SE

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	9/7	11/8	14/11	15/13	16/14	14/14	14/14
300	11/9	13/12	16/15	18/17	19/18	17/17	16/16
Valley	11/11	14/14	18/17	19/18	19/19	17/17	16/16
Freezing Level*	3100m	3800m	3700m	3800m	3700m	3600m	3500m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

UV levels moderate to high in bright or sunny spells, so sun protection is advisable.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Tue 08 Aug 2023	0mm	0.2mm	19.2mm

Forecast for Thursday 10 Aug 2023

Weather: Generally dry overnight with variable cloud amounts. Any patchy low cloud across the summits will quickly clear in the morning to give a dry day with bright or sunny spells and feeling much warmer. Thicker cloud and outbreaks of rain may reach the park from the west around midnight, perhaps with the odd heavier burst.

Maximum wind: Southerly 10mph gust 15-20mph

Chance of cloud-free hill tops above 600m: 40% at first, otherwise 90% or more.

Low cloud and visibility: Areas of cloud should be comfortably above summits for much of the day, after overnight areas of low cloud clear quickly after sunrise. Thicker cloud could again lower onto the highest summits around midnight. Visibilities generally good or very good outside of these areas of low cloud.

Temperature: **Valleys:** Plus 16 degrees Celsius rising to Plus 26 degrees Celsius.
At 600m: Plus 13 degrees Celsius rising to Plus 20 degrees Celsius.
Freezing level: Above summits.

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